

DETROIT
DEPARTMENT
POLICE

LABORATORY ANALYSIS

LAB NO.

B96-0035

LOCK SEAL NO.

RECEIVED BY S. Gawlik	DATE 1-23-96	TIME 1:00 pm	DELIVERED BY Gallant/Fleming	PREC/SECT Homicide
REFERENCE Murder of: Christina Brown				
CASE OFFICERS Inv. B. Simon	PREC/SECT Homicide	TECHNICIAN ASSIGNED M. Scarpetta/P. Lytle	DATE STARTED 3-28-96	DATE COMPLETED 5-15-96
			HOURS	

ET# 242488 Taken from scene (bathroom tub) 2752 W. Boston Apt. A-7

- A. One (1) cotton swab, bloodstained.
PRELIMINARY TESTING: BLOOD: Positive

ET# 242487 Taken from scene (bedroom floor) 2752 W. Boston Apt # A-7

- B. One (1) cotton swab, bloodstained.
PRELIMINARY TESTING: BLOOD: Positive

ET# 248501 Taken from Olds-GBW 797, ETU Pen

- C. One (1) piece of carpeting, grey-brown in color (approximately 2" x 3 ") was submitted with a suspected bloodstain.
PRELIMINARY TESTING: BLOOD: Negative NOWD

ET# 242479 Taken from scene (bedroom) 2752 W. Boston Apt # A-7

- D. One (1) pair blue work pants ("Dickies" brand, size: 36W, 31L) was submitted. Numerous small tears/holes were observed. No suspected bloodstains were found. NOWD

ET# 242482 Taken from scene (living room) 2752 W. Boston Apt. A-7

- E1. One (1) soiled, braided black hair scrunchie. NWD
- E2. One (1) soiled bra (Size:32) with black lace trim and multicolored floral patterns was submitted. Several small bloodstains were observed in the right cup.
PRELIMINARY TESTING: BLOOD: Positive NOWD

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- E3. One (1) pair very soiled white socks. NWD
- E4. One (1) pair soiled tan panties ("Corinna Fashions" brand, Size: Medium) was submitted heavily bloodstained and soiled in the crotch area.
PRELIMINARY TESTING: BLOOD: Positive ACID PHOSPHATASE: Negative NOWD
- E5. One (1) very soiled white handkerchief. NWD
- E6. One (1) braided black belt, with the end broken off and missing. NWD
- E7. One (1) pair of men's sneakers ("Reebok" brand, Size: 7 1/2). NWD
- E8. One (1) soiled green/white windbreaker ("Patty's" brand) zippered front, drawcord waist was submitted with several stained areas, including several small suspected bloodstains.
PRELIMINARY TESTING: BLOOD: Positive NOWD
*A suitable sample for DNA testing was removed by M. Scarpetta and stored at -70°C on 5-7-96.
- E9. One (1) pair soiled burgundy nylon windpants with suspected bloodstains on front and back of left leg.
PRELIMINARY TESTING: BLOOD: Positive NOWD
*A suitable sample for DNA testing was removed by M. Scarpetta and stored at -70°C on 5-7-96.

ET# 248510 Taken from Christina Brown at WCMEC

- G. One (1) tube of blood (EDTA) labeled "U.F. #4, 660". Bloodstains were prepared on 1-23-96 and stored at -20°C on 1-24-96 by S. Gawlik. NOWD

Note: On 2-12-96 at 12:05 p.m. Inv. Simon delivered the following item, received by P. Lytle:

ET# 249048 Taken from f/o 2752 W. Boston

- F. One (1) pair soiled men's underwear ("Fruit of the loom" brand, Size: Large 38-40) was submitted with leaves and twigs adhering to it. Fecal and urine stains were observed.
PRELIMINARY TESTING: ACID PHOSPHATASE: Negative NOWD

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Note: On 5-14-96 at 11:25 am Inv. Simon delivered the following item, received by P. Lytle:

ET# 261447 One (1) tube of blood (EDTA) labeled "Monson, Lamarr, 96-2072, 1-31-72".
Bloodstains were prepared on 5-14-96 by P. Lytle and stored at -20°C on 5-15-96
by M. Scarpetta. NOWD

Key: NWD-No Work Done NOWD-No Other Work Done

Summary: Blood was found on items A, B, E2, E4, E8, and E9.



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DNA REPORT

DATE: June 12, 1996
ANALYST: M. Scarpetta
LAB NUMBER: B96-0035

The following items were analyzed for DNA types:

E8 Windbreaker
 E9 Windpants
 G Christina Brown, Reference Blood
 H Lamarr Munson, Reference Blood

DNA types were obtained using the PCR (Taq polymerase chain reaction) amplification and allele typing of the HLA-DQ α , the low density lipoprotein receptor (LDLR), glycophorin A (GYPA), hemoglobin G gammaglobin (HBGG), D7S8, group specific component (GC) and D1S80 loci. The types detected for each sample are listed below.

DNA ANALYSIS DATA

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>HLA-DQ</u>	<u>LDLR</u>	<u>GYPA</u>	<u>HBGG</u>	<u>D7S8</u>	<u>GC</u>	<u>D1S80</u>
E8	Windbreaker	ND	ND	ND	ND	ND	ND	ND
E9	Windpants	1,2,4	B	AB	AB	AB	BC	20,21
G	Christina Brown	1,2,4	B	AB	AB	AB	BC	20,21
H	Lamarr Munson	1,2	B	AB	A	AB	AC	24,28

KEY: ND = Not Determined. DNA was of insufficient quantity or quality for the determination of DNA types.

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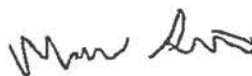
DNA REPORT (CON'T)

DNA ANALYSIS CONCLUSION

Christina Brown cannot be excluded as a source of the DNA obtained from the windpants (Item E9).

The probability of randomly selecting an unrelated individual with a DNA profile consistent with the windpants and the reference blood taken from Christina Brown in the U.S. African American, Caucasian and Hispanic population are as follows:

<u>Population Database</u>	<u>Frequency</u>
African American	1 in 160,000
Caucasian	1 in 1,100,000
Hispanic	1 in 1,100,000



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